

Certificate of Analysis











Sample:KN20808012-001
Harvest/Lot ID: N/A
Batch#: 22G006
Seed to Sale# N/A
Batch Date: 07/31/22
Sample Size Received: 14.4 gram
Total Batch Size: N/A
Retail Product Size: 4.8 gram
Ordered : 08/03/22
Sampled : 08/03/22
Completed: 08/15/22
Sampling Method: N/A

PASSED

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Nano Hemp Tech Labs
10018 Chickasaw Ln Bldg B
Houston, TX 77041
info@nanohempstechlabs.com
281-612-1660



PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins NOT TESTED	 Residuals Solvents NOT TESTED	 Filtration PASSED	 Water Activity NOT TESTED	 Moisture PASSED	 Terpenes NOT TESTED

	Cannabinoid	PASSED
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	Total THC 0.1246% Total THC/Gummy : 5.981 mg		Total CBD <0.01 Total CBD/Gummy : 0 mg		Total Cannabinoids 0.1246% Total Cannabinoids/Gummy : 5.981 mg
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	CBDV	CBDa	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	ND	ND	ND	ND	<0.01	ND	ND	ND	0.1246	<0.01	ND	ND	<0.01	ND	ND	ND
mg/g	ND	ND	ND	ND	<0.1	ND	ND	ND	1.246	<0.1	ND	ND	<0.1	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2692 Weight: 0.205g Extraction date: 08/09/22 14:48:16 Extracted by: 2692

Analysis Method : Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCa: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.

Analytical Batch : KN002751POT Reviewed On : 08/11/22 12:13:03
Instrument Used : HPLC E-SHI-008 Batch Date : 08/09/22 10:42:19
Running on : N/A

Dilution : N/A
Reagent : 062422.02; 081321.R04; 071322.R01; 063022.R02; 060622.34
Consumables : 294033242; n/a; 947B9291.271; 200331059
Pipette : E-GIL-011; E-GIL-013

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis). *Based on FL action limits.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

State License # n/a
ISO Accreditation # 17025:2017


Signature

08/15/22

Signed On

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Completed : 08/15/22 Expires: 08/15/23
Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	<0.05	PYRIDABEN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPINETORAM	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND						
CYPERMETHRIN	0.01	ppm	1	PASS	ND						
DAMINOZIDE	0.01	ppm	0.1	PASS	ND						
DIAZANON	0.01	ppm	0.2	PASS	ND						
DICHLORVOS	0.01	ppm	0.1	PASS	ND						
DIMETHOATE	0.01	ppm	0.1	PASS	ND						
DIMETHOMORPH	0.01	ppm	3	PASS	ND						
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND						
ETOFENPROX	0.01	ppm	0.1	PASS	ND						
ETOXAZOLE	0.01	ppm	1.5	PASS	ND						
FENHEXAMID	0.01	ppm	3	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	2	PASS	ND						
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	2	PASS	ND						
FLUDIOXONIL	0.01	ppm	3	PASS	ND						
HEXYTHIAZOX	0.01	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	0.0549						
IMIDACLOPRID	0.01	ppm	3	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.01	ppm	2	PASS	ND						
METALAXYL	0.01	ppm	3	PASS	ND						
METHIOCARB	0.01	ppm	0.1	PASS	ND						
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	3	PASS	ND						
NALED	0.01	ppm	0.5	PASS	ND						
OXAMYL	0.01	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND						
PERMETHRINS	0.01	ppm	1	PASS	ND						
PHOSMET	0.01	ppm	0.2	PASS	ND						



Analysis Method : SOP.T.30.060, SOP.T.40.060
 Analytical Batch : KN002776PES
 Instrument Used : E-SHI-125 Pesticides
 Running on : N/A
 Dilution : N/A
 Reagent : N/A
 Consumables : N/A
 Pipette : N/A

Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits.

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Completed : 08/15/22 Expires: 08/15/23
Sample Method : SOP Client Method
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 Microbial PASSED						 Heavy Metals PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Metal	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		ARSENIC-AS	0.02	ppm	ND	PASS	1.5
SALMONELLA SPECIFIC GENE			Not Present	PASS		CADMIUM-CD	0.02	ppm	ND	PASS	0.5
ASPERGILLUS FLAVUS			Not Present	PASS		MERCURY-HG	0.02	ppm	ND	PASS	3
ASPERGILLUS FUMIGATUS			Not Present	PASS		LEAD-PB	0.02	ppm	ND	PASS	0.5
ASPERGILLUS NIGER			Not Present	PASS		Analyzed by: 2368, 138, 12 Weight: 0.2684g Extraction date: 08/12/22 09:53:32 Extracted by: 138					
ASPERGILLUS TERREUS			Not Present	PASS		Analysis Method : SOP.T.40.050, SOP.T.30.052 Analytical Batch : KNO02765HEA Reviewed On : 08/12/22 18:58:14 Instrument Used : Micro ICP/MS Batch Date : 08/11/22 11:25:01 Running on : N/A Dilution : 50 Reagent : N/A Consumables : N/A Pipette : N/A					
Analyzed by: 2657 Weight: 1.0285g Extraction date: 08/10/22 09:58:34 Extracted by: 2657 Analysis Method : SOP.T.40.043 Analytical Batch : KNO02749MIC Reviewed On : 08/12/22 16:54:24 Instrument Used : Micro E-HEW-069 Batch Date : 08/09/22 10:18:01 Running on : N/A Dilution : N/A Reagent : N/A Consumables : N/A Pipette : N/A											

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.

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Sample Method : SOP Client Method

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Filth/Foreign Material **PASSED**



Moisture **PASSED**

Analyte	LOD	Units	Result	P/F	Action Level	Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	3	Moisture Content	1	%	8.35	TESTED	
Analyzed by: 2657 Weight: 0.632g Extraction date: 08/10/22 13:03:49 Analysis Method : SOP.T.30.074, SOP.T.40.074 Analytical Batch : KN002746FIL Instrument Used : E-AMS-138 Microscope Running on : N/A Dilution : N/A Reagent : N/A Consumables : N/A Pipette : N/A						Analyzed by: 2368, 12 Weight: 0.515g Extraction date: 08/12/22 18:50:21 Analysis Method : SOP.T.40.021 Analytical Batch : KN002766MOI Instrument Used : E-SHI-039 Moisture Detector Running on : N/A Dilution : N/A Reagent : N/A Consumables : N/A Pipette : N/A					

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.

Moisture Content analysis utilizing loss-on-drying technology in accordance with F.S. Rule 64ER20.39.